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PATENTS  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
)  
Michael Vrazel )  
)  
Serial No.: 10/809,756 )  
)  
Filed: March 25, 2004 )  
)  
For: Method and System for )  
Equalizing Communication )  
Signals )

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant cites the information on the attached Form PTO-1449, "List of Information Disclosed by Applicant," pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. Applicant has enclosed a copy of each cited item.

The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

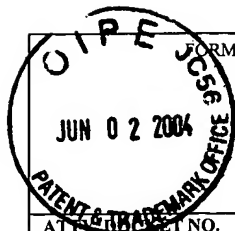
Respectfully submitted,

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K&S Docket: 07982.105020 US  
3488674

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on May 20, 2004.

Michael L. Wach, Reg. No. 54,517



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**LIST OF INFORMATION DISCLOSED BY APPLICANT***(Use several sheets if necessary)*

ATTORNEY NO. 07982.105020	SERIAL NO. 10/809,756	FILING DATE March 25, 2004
APPLICANT Michael Vrazel		GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2,632,058	3/17/1953	Frank Gray			11/13/1947
	AB	3,445,771	5/20/1969	Clapham et al.			2/28/1966
	AC	3,571,725	3/23/1971	Kaneko et al.			5/22/1968
	AD	3,714,437	1/30/1973	Tracy Stewart Kinsel			8/14/1970
	AE	3,806,915	4/23/1974	Higgins et al.			9/5/1972
	AF	3,977,795	8/31/1976	Buschmann, Hans-Theo			2/11/1974
	AG	4,287,756	9/8/1981	Gallagher, John J.			10/24/1979
	AH	4,349,914	9/14/1982	Evans, Randall G.			4/1/1980
	AI	4,363,127	12/7/1982	Evans et al.			1/12/1981
	AJ	4,386,339	5/31/1983	Henry et al.			4/5/1982
	AK	4,387,461	6/7/1983	Evans, Randall G.			3/11/1981
	AL	4,393,499	7/12/1983	Evans, Randall G.			3/11/1981
	AM	4,464,771	8/7/1984	Sorensen, Bendt H.			4/2/1982
	AN	4,470,126	9/4/1984	Yusuf A. Haque			10/29/1981
	AO	4,479,266	10/23/1984	Eumurian et al.			8/10/1982
	AP	4,521,883	6/4/1985	Roché, Bernard			6/21/1982
	AQ	4,584,720	4/22/1986	Ian Garrett			8/30/1983
	AR	4,618,941	10/21/1986	Linder et al.			9/19/1983
	AS	4,651,026	3/17/1987	Serfaty et al.			6/11/1984

EXAMINER

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	4,751,497	6/14/1988	Toshihiro Torii			4/18/1986
	BB	4,830,493	5/16/1989	Giebeler, Robert			10/29/1987
	BC	4,847,521	7/11/1989	Huignard et al.			12/22/1987
	BD	4,864,590	9/5/1989	Arnon et al.			6/30/1988
	BE	4,912,726	3/27/1990	Iwamatsu et al.			1/8/1988
	BF	4,942,593	7/17/1990	Whiteside et al.			3/16/1989
	BG	4,959,535	9/25/1990	Ian Garrett			10/10/1989
	BH	4,978,957	12/18/1990	Hotta et al.			2/6/1990
	BI	5,007,106	4/9/1991	Kahn et al.			11/8/1989
	BJ	5,008,957	4/16/1991	Mikio Klyono			3/3/1989
	BK	5,012,475	4/30/1991	Bruce D. Campbell			4/17/1990
	BL	5,067,126	11/19/1991	Moore, Thomas E.			8/4/1989
	BM	5,072,221	12/10/1991	Schmidt, Robert R.			8/4/1988
	BN	5,111,065	5/5/1992	James K. Roberge			3/23/1990
	BO	5,113,278	5/12/1992	Degura et al.			4/20/1990
	BP	5,115,450	5/19/1992	Arcuri, Salvatore			7/6/1989
	BQ	5,121,411	6/9/1992	Fluharty, Kevin L.			7/24/1990
	BR	5,128,790	7/7/1992	Heidemann et al.			9/12/1991
	BS	5,132,639	7/21/1992	Blauvelt et al.			2/8/1991

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	5,151,698	9/29/1992	Lucien Pophillat			9/18/1990
	CB	5,181,034	1/19/1993	Takakura et al.			4/29/1992
	CC	5,181,136	1/19/1993	Kavehrad et al.			9/20/1990
	CD	5,184,131	2/2/1993	Ikeda, Hiroshi			6/20/1990
	CE	5,208,833	5/4/1993	Erhart et al.			4/8/1991
	CF	5,222,103	6/22/1993	Richard W. Gross			1/2/1991
	CG	5,223,834	6/29/1993	Wang et al.			11/29/1991
	CH	5,225,798	7/6/1993	Hunsinger et al.			5/31/1991
	CI	5,237,590	8/17/1993	Kazawa et al.			12/11/1991
	CJ	5,243,613	9/7/1993	Gysel et al.			11/5/1991
	CK	5,252,930	10/12/1993	Henry A. Blauvelt			7/21/1992
	CL	5,282,072	1/25/1994	Nazarathy et al.			11/19/1991
	CM	5,283,679	2/1/1994	Wedding, Berthold			12/10/1991
	CN	5,291,031	3/1/1994	MacDonald et al.			4/6/1992
	CO	5,293,406	3/8/1994	Hiroshi Suzuki			3/11/1992
	CP	5,300,930	4/5/1994	Burger et al.			10/29/1991
	CQ	5,321,543	6/14/1994	Huber, David R.			10/20/1992
	CR	5,321,710	6/14/1994	Cornish et al.			4/19/1993
	CS	5,327,279	7/5/1994	Farina et al.			7/17/1992

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	DA	5,343,322	8/30/1994	Pirio et al.			12/23/1992
	DB	5,351,148	9/27/1994	Maeda et al.			5/26/1993
	DC	5,355,240	10/11/1994	Prigent et al.			9/1/1992
	DD	5,361,156	11/1/1994	Rezin E. Pidgeon			12/9/1991
	DE	5,371,625	12/6/1994	Wedding et al.			1/29/1993
	DF	5,373,384	12/13/1994	Jean-Paul Hebert			7/30/1993
	DG	5,376,786	12/27/1994	MacDonald, R. Ian			4/22/1993
	DH	5,382,955	1/17/1995	Knierim, Daniel G.			11/4/1993
	DI	5,387,887	2/7/1995	Zimmerman et al.			3/4/1994
	DJ	5,408,485	4/18/1995	Gordon W. Ries			5/11/1994
	DK	5,413,047	5/9/1995	Evans et al.			10/15/1993
	DL	5,416,628	5/16/1995	Betti et al.			11/9/1992
	DM	5,418,637	5/23/1995	Chien-Yu Kuo			5/16/1994
	DN	5,424,680	6/13/1995	Nazarathy et al.			11/30/1993
	DO	5,428,643	6/27/1995	Razzell, Charles J. H.			7/28/1993
	DP	5,436,752	7/25/1995	Wedding, Berthold			10/28/1993
	DQ	5,436,756	7/25/1995	Knox et al.			9/30/1992
	DR	5,450,044	9/12/1995	Timothy P. Hulick			4/14/1993
	DS	5,481,389	1/2/1996	Pidgeon et al.			10/9/1992

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	EA	5,481,568	1/2/1996	Yada, Hiroaki			12/21/1994
	EB	5,504,633	4/2/1996	Gijsbert J. Van Den Enden			11/21/1994
	EC	5,510,919	4/23/1996	Berthold Wedding			11/28/1994
	ED	5,528,710	6/18/1996	Burton et al.			5/5/1993
	EE	5,548,253	8/20/1996	Randolph L. Durrant			4/17/1995
	EF	5,574,743	11/12/1996	van der Poel et al.			3/21/1995
	EG	5,589,786	12/31/1996	Bella et al.			6/1/1995
	EH	5,612,653	3/18/1997	Dodds et al.			6/7/1995
	EI	5,625,360	4/29/1977	Garrity et al.			9/5/1995
	EJ	5,625,722	4/29/1997	Froberg et al.			12/21/1994
	EK	5,644,325	7/1/1997	King et al.			12/12/1994
	EL	5,670,871	9/23/1997	Man et al.			7/16/1996
	EM	5,675,600	10/7/1997	Yamamoto			6/11/1996
	EN	5,678,198	10/14/1997	Paul H. Lemson			5/15/1995
	EO	5,689,356	11/18/1997	Attilio Joseph Rainal			7/26/1996
	EP	5,706,008	1/6/1998	Huntley, Jr. et al.			3/1/1996
	EQ	5,721,315	2/24/1998	Evans et al.			8/16/1995
	ER	5,723,176	3/3/1998	Keyworth et al.			7/8/1996
	ES	5,754,681	5/19/1998	Watanabe et al.			6/22/1995

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	FA	5,757,763	5/26/1998	Green et al.			6/13/1997
	FB	5,761,243	6/2/1998	Russell et al.			5/3/1996
	FC	5,764,542	6/9/1998	Gaudette et al.			1/11/1996
	FD	5,783,630	7/21/1998	Evans et al.			7/7/1995
	FE	5,784,032	7/21/1998	Johnston et al.			11/1/1995
	FF	5,798,854	8/25/1998	Blauvelt et al.			11/27/1996
	FG	5,801,657	9/1/1998	Fowler et al.			2/5/1997
	FH	5,802,089	9/1/1998	Garry N. Link			10/22/1996
	FI	5,812,578	9/22/1998	Schemmann et al.			6/16/1995
	FJ	5,825,211	10/20/1998	Smith et al.			10/22/1997
	FK	5,825,257	10/20/1998	Klymyshyn et al.			6/17/1997
	FL	5,825,825	10/20/1998	Altmann et al.			9/17/1996
	FM	5,828,329	10/27/1998	Burns, Lawrence M.			12/5/1996
	FN	5,839,105	11/17/1998	Ostendorf et al.			11/29/1996
	FO	5,841,841	11/24/1998	Dodds et al.			3/14/1996
	FP	5,844,436	12/1/1998	Altmann, Michael			11/6/1996
	FQ	5,848,139	12/8/1998	Grover, Wayne D.			11/19/1996
	FR	5,850,409	12/15/1998	Garry N. Link			3/21/1997
	FS	5,850,505	12/15/1998	Grover et al.			11/1/1995

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	GA	5,852,389	12/22/1998	Kumar et al.			4/17/1997
	GB	5,859,862	1/12/1999	Hikasa et al.			6/20/1995
	GC	5,861,966	1/19/1999	Ortel, William G.			12/27/1995
	GD	5,872,468	2/16/1999	Dyke, Peter J.			6/12/1997
	GE	5,878,390	3/2/1999	Kawai et al.			6/23/1997
	GF	5,880,870	3/9/1999	Sieben et al.			10/28/1996
	GG	5,883,910	3/16/1999	Garry N. Link			7/3/1997
	GH	5,887,022	3/23/1999	Lee et al.			6/12/1996
	GI	5,889,759	3/30/1999	McGibney, Grant			8/13/1996
	GJ	5,896,392	4/20/1999	Ono et al.			6/19/1997
	GK	5,912,749	6/15/1999	Harstead et al.			2/11/1997
	GL	5,920,600	7/6/1999	Yamaoka et al.			9/17/1996
	GM	5,923,226	7/13/1999	Kakura et al.			8/12/1997
	GN	5,942,576	8/24/1999	Evans et al.			11/3/1997
	GO	5,943,380	8/24/1999	Marchesani et al.			3/28/1997
	GP	5,943,457	8/24/1999	Hayward et al.			3/24/1998
	GQ	5,949,926	9/7/1999	Davies, Robert J.			12/15/1997
	GR	5,959,032	9/28/1999	Evans et al.			7/8/1996
	GS	5,959,750	9/28/1999	Eskildsen et al.			6/6/1996

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	HA	5,965,667	10/12/1999	Evans et al.			11/3/1997
	HB	5,983,178	11/9/1999	Naito et al.			12/10/1998
	HC	5,985,999	11/16/1999	Dominguez et al.			4/23/1997
	HD	5,999,300	12/7/1999	Davies et al.			6/12/1997
	HE	6,002,274	12/14/1999	Smith et al.			9/29/1995
	HF	6,009,424	12/28/1999	Lepage et al.			9/3/1997
	HG	6,021,110	2/1/2000	McGibney, Grant			1/26/1999
	HH	6,028,658	2/22/2000	Hamada et al.			11/25/1998
	HI	6,031,048	2/29/2000	Evans et al.			7/12/1996
	HJ	6,031,866	2/29/2000	Oler et al.			5/30/1997
	HK	6,031,874	2/29/2000	Chennakeshu et al.			9/26/1997
	HL	6,034,996	3/7/2000	Herzberg, Hanan			10/2/1997
	HM	6,035,080	3/7/2000	Henry et al.			6/20/1997
	HN	6,041,299	3/21/2000	Schuster et al.			3/11/1998
	HO	6,072,364	6/6/2000	Jeckeln et al.			6/14/1997
	HP	6,072,615	6/6/2000	Pavel V. Mamyshev			6/13/1997
	HQ	6,078,627	6/20/2000	Ian Crayford			12/18/1997
	HR	6,084,931	7/4/2000	Powell, II et al.			10/31/1997
	HS	6,091,782	7/18/2000	Nobuya Harano			7/21/1997

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	IB	6,093,773	7/25/2000	Evans et al.			8/3/1999
	IC	6,108,474	8/22/2000	Eggleton et al.			12/11/1997
	ID	6,111,477	8/29/2000	Klymyshyn et al.			4/17/1997
	IE	6,118,563	9/12/2000	Boskovic et al.			9/18/1998
	IF	6,118,567	9/12/2000	Alameh et al.			9/30/1997
	IG	6,127,480	10/3/2000	Dominguez et al.			10/19/1999
	IH	6,140,416	10/31/2000	Evans et al.			8/3/1999
	II	6,140,858	10/31/2000	Francois Dumont			11/18/1997
	IJ	6,140,972	10/31/2000	Johnston et al.			12/28/1998
	IK	6,141,127	10/31/2000	Boivin et al.			2/20/1998
	IL	6,141,387	10/31/2000	Qin Zhang			3/19/1998
	IM	6,148,428	11/14/2000	Welch et al.			5/21/1998
	IN	6,151,150	11/21/2000	Osamu Kikuchi			10/2/1997
	IO	6,154,301	11/28/2000	Philip C. Harvey			11/10/1997
	IP	6,163,638	12/19/2000	Eggleton et al.			10/29/1998
	IQ	6,181,454 B1	1/30/2001	Nagahori et al.			4/23/1998
	IR	6,191,719 B1	2/20/2001	Bult et al.			12/10/1999
	IS	6,201,916 B1	3/13/2001	Eggleton et al.			3/15/1999

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	JA	6,208,792 B1	3/27/2001	Hwang et al.			9/20/1999
	JB	6,212,654 B1	4/3/2001	Lou et al.			7/22/1997
	JC	6,214,914 B1	4/10/2001	Evans et al.			8/3/1999
	JD	6,219,633 B1	4/17/2001	Lepage, Yves			8/6/1999
	JE	6,226,112 B1	5/1/2001	Denk et al.			6/18/1998
	JF	6,236,963 B1	5/22/2001	Naito et al.			3/16/1999
	JG	6,259,836 B1	7/10/2001	Dodds, David E.			5/14/1998
	JH	6,259,847 B1	7/10/2001	Lenz et al.			4/7/1999
	JI	6,268,816 B1	7/31/2001	Bult et al.			1/3/2001
	JJ	6,271,944 B1	8/7/2001	Schemmann et al.			6/30/1999
	JK	6,281,824 B1	8/28/2001	Toshihiko Masuda			10/12/1999
	JL	6,288,668 B1	9/11/2001	Tsukamoto et al.			2/21/1996
	JM	6,289,055 B1	9/11/2001	Herbert Knotz			4/5/1999
	JN	6,289,151 B1	9/11/2001	Kazarinov et al.			10/30/1998
	JO	6,298,459 B1	10/2/2001	Sanroku Tsukamoto			3/4/1998
	JP	6,304,199 B1	10/16/2001	Fang et al.			5/5/1999
	JQ	6,317,469 B1	11/13/2001	Herbert, Brian K.			6/28/1996
	JR	6,341,023 B1	1/22/2002	Puc, Angrej B.			7/23/1999
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	KB	6,473,131 B1	10/29/2002	Neugebauer et al.			6/30/2000
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						YES	NO
	KI	0 527 966 B1	9/21/1994	EP	Betti, et al.		
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	LK	Borjak et al.; <i>High-Speed Generalized Distributed-Amplifier-Based Transversal-Filter Topology for Optical Communication Systems</i> ; IEEE Transactions on Microwave Theory and Techniques; Vol. 45, No. 8; August 1997; pp. 1453-1457
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MA	Garrett, Ian; <i>Pulse-Position Modulation for Transmission Over Optical Fibers with Direct or Heterodyne Detection</i> ; IEEE Transactions on Communications; Vol. COM-31; No. 4; April 1983; pp. 518-527
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MC	Haskins et al.; <i>FET Diode Linearizer Optimization for Amplifier Predistortion in Digital Radios</i> ; IEEE Microwave and Guided Wave Letters; Vol. 10, No. 1; January 2000; pp. 21-23
MD	Hranilovic et al.; <i>A Multilevel Modulation Scheme for High-Speed Wireless Infrared Communications</i> ; IEEE; (1999); pp. VI-338 - VI-341
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MF	Jutzi, Wilhelm; <i>Microwave Bandwidth Active Transversal Filter Concept with MESFETs</i> ; IEEE Transactions on Microwave Theory and Technique, Vol. MTT-19, No. 9; September 1971; pp. 760-767
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